

U. S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

DATE: October 10, 1987

Region II  
Response and Prevention Branch  
Edison, New Jersey 08837  
  
(201) 548-8730 - Commercial & FTS  
24 Hour Emergency

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TAT

POLREP NO.: Fourteen (14)  
INCIDENT/SITE NO.: Arkansas Chemical Company/T9  
POLLUTANT: Textile chemicals and intermediates  
CLASSIFICATION: Major  
SOURCE: Abandoned chemical facility  
LOCATION: Newark, New Jersey  
AMOUNT: 15,000 containers of various chemicals,  
1000-1500 drums, 87 mixing tanks/outdoor  
tanks containing unknown chemicals  
  
WATER BODY: None

1. SITUATION

- A. The Arkansas Chemical Company produced textile and other specialty chemicals at its Newark facility until it was abandoned in 1983. Abandoned on this site are a two-story office/laboratory building (Bldgs. 25/30), a machine shop (Bldg. 26), a small chemical processing building (Bldg. 27), a large four-story chemical process building (Bldg. 28), a boiler room/tank house (Bldgs. 16 & 16B), a storage building (Bldg. 24), and two sheds (S1 & S2). About 1000 drums and 15,000 small containers of chemicals exist in these buildings. In addition, there are approximately 17 aboveground storage tanks and 70 process tanks/reaction vessels.



## 2. ACTION TAKEN:

- A. To date, the following work has been performed in building 28:
- 1) 906 full drums have been staged.
  - 2) 906 of these drums have been sampled.
  - 3) 906 of these drums have been logged.
  - 4) 522 empty drums have been staged behind building 28.
- B. The following illustrates the total number of containers/drums found, and their respective locations on site. These containers/drums have been staged, sampled and logged:

Building	Total No. of Containers/Drums
S1	81
S2	22
16	5
24	2
26	25
27	11
30	64

- C. ERCS continues vacuuming the aqueous material from the third and fourth floor of building 28. Visqueen catch basins have been installed on the fourth floor and roof drains have been unclogged in an effort to reduce future flooding problems.
- D. ERCS moved all empty and full drums from the fourth floor of building 28 and staged them on the first floor of building 28 for future bulking operations.
- E. ERCS continues segregating and removing contaminated and non-contaminated debris from buildings 30 and 30A in preparation for the lab packing operation.
- F. EPA/ERT and TAT/ERT continue to enter 1900-55 data into the Removal Cost Management System (RCMS). RCMS will be used to track daily costs incurred throughout the removal action.
- G. EPA and TAT continue with bid solicitation for the decontamination of the floors using a high pressure water system.
- H. ERCS' chemists continue to analyze drum samples, for hazardous characteristics, using the on-site laboratory.

## 3. FUTURE PLANS AND RECOMMENDATIONS:

- A. ERCS' Health and Safety Officer will continue air monitoring and sampling.

- B. EPA will employ the consultative services of two former chemists/production managers of Arkansas Chemical Company during the lab packing operation.
- C. The lab packing operation to be performed by Chem Waste Management is tentatively scheduled to begin during the week of November 2, 1987.
- D. EPA/TAT will begin soliciting bids for the removal of on-site asbestos material.
- E. EPA will continue to provide 24 hour site security.

4. FINANCIAL ACCOUNTING:

A. Total Project Ceiling Authorized	\$ 1,968,000
B. Mitigation Contract Ceiling	\$ 1,600,000
C. Expenditures for Mitigation Contracts	
1. a. Amount obligated to ERCS contractor for Delivery Orders #6893-02-073 and #7445-02-008 (DCNs KCS - 361, 629, 633, 710, 726, 730, KE-0001) as of October 10, 1987	\$ 725,380
1. b. Estimated expenditures as of October 10, 1987	\$ 403,739
1. c. Balance Remaining	\$ 321,641
D. Unobligated Balance Remaining	\$ 874,620
E. Estimate of Total Expenditures to Date for All Mitigation Contracts	\$ 403,739
F. Other Extramural Costs as of October 10	
1. a. TAT Salary/Travel (estimated)	\$ 25,485
G. Intramural Costs as of October 10	
1. a. EPA Salary/Travel (estimated)	\$ 9,782
H. Total Expenditures	\$ 439,006
Percent of Total Project Ceiling	22.3%
Percent of \$2 Million	22.0%

FINAL POLREP \_\_\_\_\_ FURTHER POLREPS FORTHCOMING ☒ SUBMITTED BY: Mark P. Pane  
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 Response and  
 Prevention Branch

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